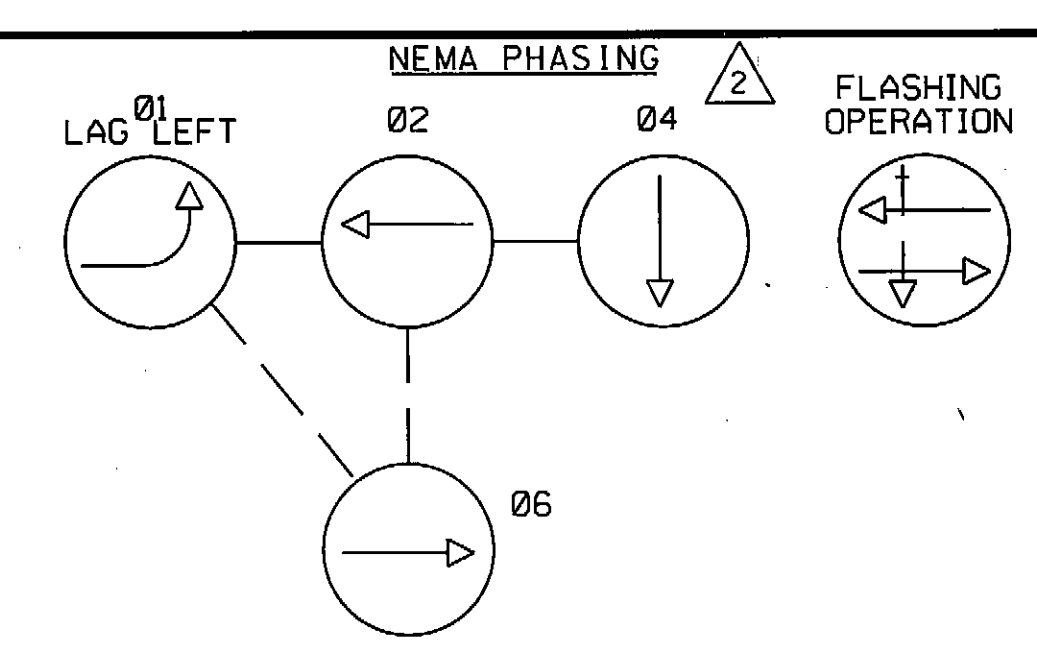
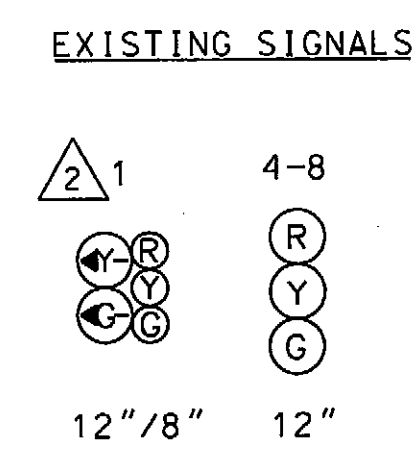
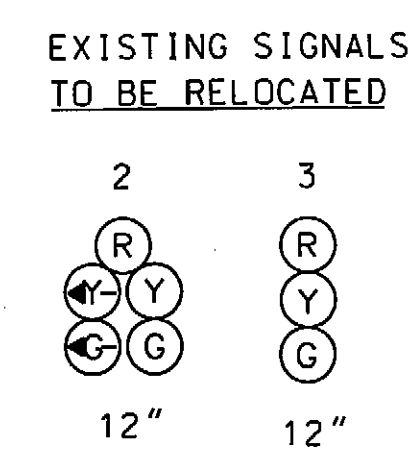
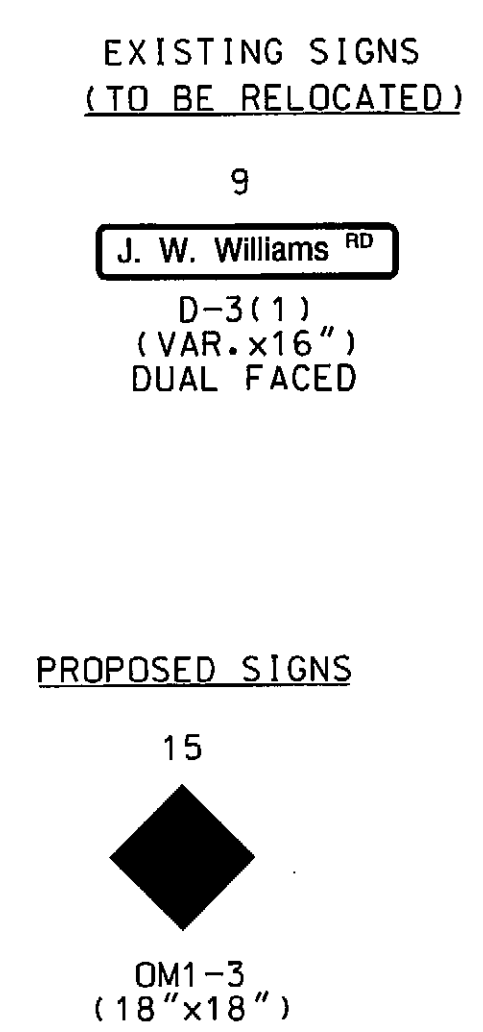
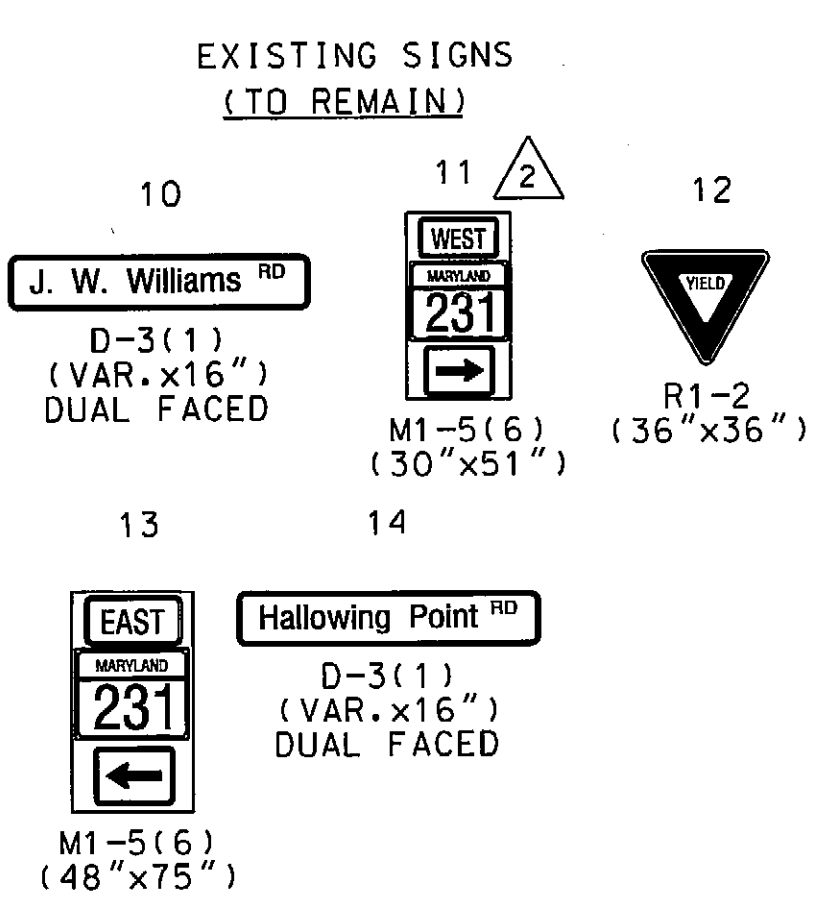


MD 231 (HALLOWING POINT ROAD) IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION



NOTE:
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

GENERAL NOTES

1. THE CONTRACTOR SHALL COORDINATE SIGNAL INSTALLATION WORK WITH OTHER PHASES OF THE CONSTRUCTION.
2. VIDEO CAMERA AND SIGNAL HEAD ALIGNMENT SHALL BE COORDINATED WITH THE SHA PROJECT ENGINEER.
3. PAVEMENT MARKINGS SHOWN ARE ILLUSTRATIVE ONLY. SEE SIGNING AND PAVEMENT MARKING SHEETS EXCEPT FOR STOP LINES.
4. NON-INVASIVE PROBES SHALL BE LOCATED IN TRAVEL LANE AS SHOWN. SEE CONSTRUCTION NOTE A.
5. ALL REMOVED SIGNAL MATERIALS SHALL BECOME THE PROPERTY OF THE CONTRACTOR.

INSTALLED DURING ROADWAY WORK
(SEE SHEET 2.1 FOR DETAILS)

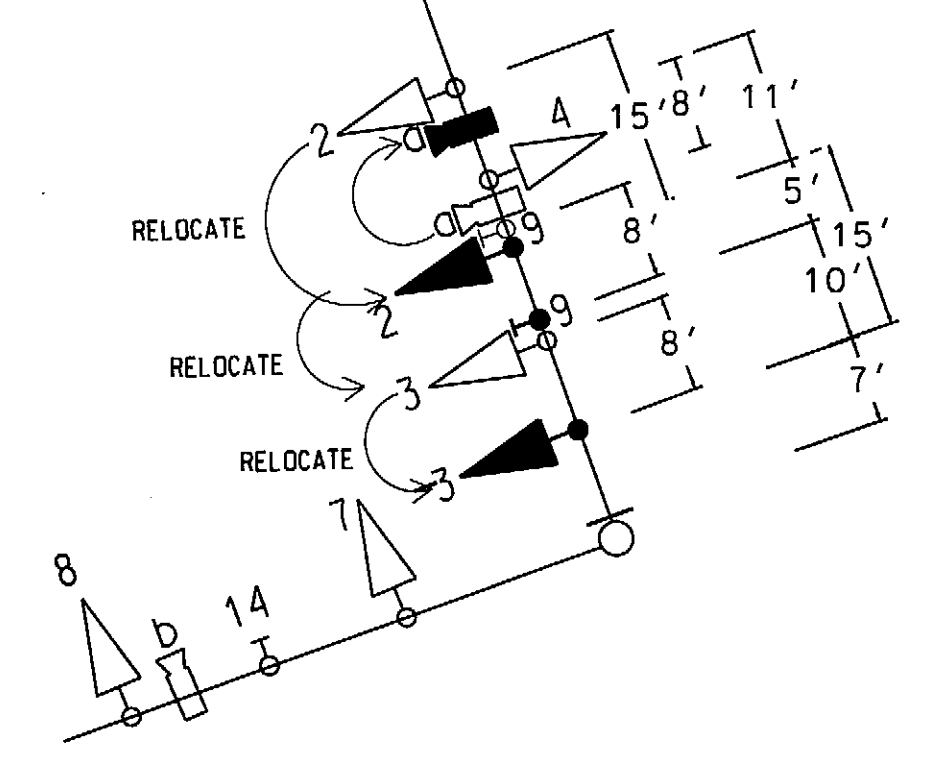
- LEGEND**
- Existing Signal Head
 - Relocated Signal Head
 - Existing Video Detector
 - Relocated Video Detector
 - Existing Mast Arm Sign
 - Relocated Mast Arm Sign

2 CONSTRUCTION DETAILS

- (A) INSTALL NON-INVASIVE DETECTOR AS SHOWN ON PLAN.
- (B) INSTALL 24" WIDE HEAT APPLIED THERMOPLASTIC STOP LINE.
- (C) RELOCATE EXISTING VIDEO DETECTION CAMERA.
- (D) RELOCATE EXISTING OVERHEAD SIGN.
- (E) RELOCATE EXISTING SIGNAL HEADS.
- (F) EXISTING NON-INVASIVE DETECTOR TO REMAIN.
- (G) INSTALL ELECTRICAL HANDHOLE (LONG DIMENSION PERPEDICULAR TO ROADWAY FOR NON-INVASIVE PROBES).
- (H) INSTALL 3" SCHEDULE 80 PVC ELECTRICAL CONDUIT - BORED.
- (I) INSTALL LEAD IN CABLE.
- (J) USE EXISTING HANDHOLE.

**MD231
(HALLOWING POINT ROAD)**

DETAIL 1
SOUTHERN SIGNAL POLE
SCALE 1"=15'



GEOMETRIC LEGEND

--- EXISTING
--- PROPOSED

UTILITY LEGEND

SD	STORM DRAIN
G	GAS MAIN
W	WATER MAIN
S	SEWER MAIN
E	ELECTRIC CABLES
A	AERIAL CABLES
T	TELEPHONE CABLES
F	FIBER-OPTIC

O. R. GEORGE & ASSOCIATES, INC.
Traffic Engineers - Transportation Planners
10210 Greenbelt Road, Suite 310
Lanham, MD 20706
(301) 794-7700

APPROVALS

TEAM LEADER	
ASST. DIV. CHIEF	
DIVISION CHIEF	
OFFICE DIRECTOR	

REVISIONS

NO.	DESCRIPTION
2	VARIOUS

SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 231 AT J.W. WILLIAMS ROAD
CALVERT COUNTY, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE: 1"=20' DATE: SEPT 30, 2006 CONTRACT NO. A194551B5

DESIGNED BY: SMH	COUNTY: CALVERT
DRAWN BY: SMH	LOGMILE: 04023104.33
CHECKED BY: MAR	TMS NO.: J107
F.A.P. NO.: SEE TITLE SHEET	TOD NO.:

TS NO.: TS-4525A DRAWING 1 OF 1 SHEET NO. 23 OF 26